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THE
UPPER CANADA
ALMANAC,
AND
ASTRONOMICAL CALENDAR,
FOR THE YEAR OF OUR LORD

1828.

BEING BISSEXTILE OR LEAP YEAR,
AND THE
NINTH YEAR OF THE REIGN OF HIS MAJESTY KING
GEORGE THE FOURTH.

THE CALCULATIONS FOR THE MERIDIAN OF YORK.

North Lat..... $49^{\circ} 88' 10''$
Longitude $79, 36'$
WEST OF THE ROYAL OBSERVATORY GREENWICH;

BY JAMES G. CHEWETT,

Phil's Math's.

York, U. C.

PRINTED AND PUBLISHED BY ROBERT STANTON

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PRINCIPAL ARTICLES OF THE ALMANAC, OF 1828.

CHRONOLOGICAL CYCLES

Dominical Letters,.....	FE
Lunar Cycle, or Golden Number,.....	5
Epact,.....	14
Solar Cycle,.....	17
Roman Indiction,.....	1
Julian Period.....	6541

EMBER DAYS.

February 27, 29, and March 1.
May, 28, 30, and 31.
September, 17, 19, and 20.
December, 17 19, and 20.

MOVEABLE FEASTS.

Septuagesima Sunday, Feb. 3	Low Sunday, April 13
Quinquages or Shrove Sunday Feb 17	Rogation Sunday, May 11
Ash Wed. or 1st day of Lent, Feb 20	Ascension Day or Holy Thursday, } May 15
Mid Lent Sunday, Mar. 16	Whit Sunday, May 25
Palm Sunday, Mar. 30	Trinity Sunday, June 1
EASTER DAY, April 6	Advent Sunday, Nov. 30

TERMS.

Hilary begins, January 1st, and ends January 13th,
Easter begins April 23d, and ends May 5th,
Trinity begins, June 18th, and ends June 30th,
Michaelmas begins November 5th and ends November 17th

ECLIPTIC AND ECQUINOCTIAL,

1828.

Obliquity of the Ecliptic.			Equation of Equinoctial Points.	
3° 27' 34"	7	Jan. 1	9"	5,
3 27 35	0	Apr. 1	8	2
3 27 33	7	July 1	6	7
3 27 34	2	Oct. 1	5	4
3 27 33	1	Dec 31	8	8
Mean Obliquity Jan. 1st, 23° 27' 43" 3				

SOLAR AND LUNAR ECLIPSES,

IN THE YEAR 1828.

April 14—The Sun Eclipsed, *invisible at this place*, ☿ at 6h. 35m. $\frac{1}{2}$ morn. in Long. $0^{\circ} 24' 20'' 13''$.—☾ Lat. $0^{\circ} 20' N$.—☾ will be centrally Eclipsed on the Meridian at 6h. 42m. morn. in Long. $38^{\circ} 58\frac{1}{2}' E$. and Lat. $18^{\circ} 26' N$.

October 9—The Sun Eclipsed, *invisible at this place*, ☿ at 6h. 36m. morn. in Long. $6^{\circ} 16' 52' 57''$.—☾ Lat. $0^{\circ} 10' 2' N$.—☾ will be centrally Eclipsed on the Meridian at 6h. 41m. morn. in Long. $174^{\circ} 6' E$. and Lat. $13^{\circ} 7' S$.

NAMES AND CHARACTERS OF THE PLANETS.

☉ The Sun,	||	♂ Mars,
☾ The Moon,		♃ Jupiter,
☿ Mercury,		♄ Saturn,
♀ Venus,		♅ Georgian.
♁ The Earth,		

NAMES AND CHARACTERS OF THE ASPECTS.

- ♊ A Planet's Ascending Node,
- ♋ The Descending Node,
- ♌ Conjunction, or Planets situated in the same Longitude.
- ☾ Quadrature, or Planets situated in Longitudes differing three signs from each other.
- ♍ Opposition, or Planets situated in opposite Longitudes, or differing six signs from each other.
- N. North. Inf. Inferior. Im. Immersion.
- S. South. Sup. Superior. Em. Emission.

SIGNS OF THE ZODIAC.

First, ♈ Aries,	||	7, ♎ Libra,
2, ♉ Taurus,		8, ♏ Scorpio,
3, ♊ Gemini,		9, ♐ Sagittarius,
4, ♋ Cancer,		10, ♑ Capricornus,
5, ♌ Leo,		11, ♒ Aquarius,
6, ♍ Virgo,		12, ♓ Pisces,

When the Moon is in each of the above Signs successively, she is whimsically supposed by some, to have an influence upon, or to govern, the particular parts of the Human Body, in their rotation.

TABLE OF THE SOLAR SYSTEM.

NAMES.	DIAM. in E. MILES	M'n distance from the Sun	Time of rota. ro'd th'r Ax's	Time of revo's round the Sun.
			d h m s	d h m s
The Sun	883,246	....	25d 14h 8m 0s	
Mercury	3,224	37,000,000	14 24 5 28	87 23 15 43
Venus	7,667	68,000,000	0 23 20 54	224 16 49 10
The Earth	7,912	98,000,000	1 0 0 0	365 6 9 12
The Moon	2,170	95,000,000	29 17 44 3	.. .. .
Mars	4,189	144,000,000	0 24 39 22	686 23 30 35
Vesta	238	225,000,000	.. .. .	.. .. .
Juno	1,425	252,000,000	.. .. .	.. .. .
Ceres	160	263,000,000	.. .. .	1703 16 48 0
Pallas	110	265,000,000	.. .. .	.. .. .
Jupiter	89,170	490,000,000	0 9 55 37	4332 14 27 10
Saturn	79,042	900,000,000	10 16 2	10759 1 51 11
Herschel	35,112	1,800,000,000	.. .. .	30737 18 0 0

There will be no Eclipse of the Sun *visible*, until the year 1836—when on the 15th May, at 3 minutes past 9 o'clock in the morning, the Sun will be Eclipsed *visible*.

On observing the changes of the weather, with *Doctor Herschell's Perpetual Weather Glass*, it will be generally found, that, for the six winter months, the changes of the weather precede the change of the Moon, and follow for the six Summer months; yet, much of the truth of the Doctor's Table, as well as the remark, must depend upon the winds during the changes of the Moon.

IPSES,

place, $\odot$ at 6h.
13".— $\odot$ Lat. 0°
ed on the Meridian
E. and Lat. 18°

place, $\odot$ at 6h.
"— $\odot$ Lat. $0^{\circ} 10'$
d on the Meridian
3' E. and Lat. 13°

E PLANETS.

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HE ASPECTS.

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DIAC.

Libra,
Scorpio,
Sagittarius,
Capricornus,
Aquarius,
Pisces,

gns successively, she
n influence upon, or
man Body, in their

1st month]

JANUARY.

[hath 31 days.]

A HYMN.

THESE, as they change, ALMIGHTY FATHER! these,
Are but the *varied* God. The rolling year
Is full of Thee. Forth in the pleasing Spring
Thy beauty walks, Thy tenderness and love.
Wide flush the fields; the softening air is balm;
Echo the mountains round; the forest smiles,
And every sense, and every heart is joy.
Then comes Thy glory in the Summer-months,
With light and heat refulgent. Then Thy sun

☉ Full Moon 2d 0h 38m Morn. ☾ New Moon 16th 7h 6m Eve.
☾ Last Quar. 10th 1h 57m Morn ☉ First Quar. 23d 3h 27m Eve.
☉ Full Moon 31st 7h 46m Eve.

D	D	Aspects, Holy Days Anniversaries, &c.	☉	☾	☉	☉	☉
M	W		Pl	Rise	Set.	Rise-	Set.
1	Tu	Circumcision, Fair and	☉	7 36 4	24	4 38	6 31
2	W.	☉ in Apogee, frosty,	☉	7 36 4	24	5 39	7 14
3	Th	☉ decl 22° 54' 8" sou unless the	☉	7 35 4	25	6 21	7 58
4	Fr	☉ Lat 4 55 0 sou. wind is	☉	7 35 4	25	7 15	8 29
5	Sat	☉ slo clk 5m 50 s southerly.	☉	7 34 4	26	8 10	9 1
6	FE	EPHANY, Fair.	☉	7 33 4	27	9 10	9 30
7	M	☉ ☉ ½ ☉ rises 6h 14m Some	☉	7 32 4	28	10 5	9 58
8	Tu	Lucian, appearance of	☉	7 31 4	29	11 3	10 26
9	W	Sirius S. 11h 10m snow, clears	☉	7 31 4	29	11 40	11 20
10	Th	Polaris mean decl 88 23 51 5 up,	☉	7 30 4	30	morn	af. 13
11	Fr	☉ in ☉ very cold.	☉	7 30 4	30	0 15	1 19
12	Sat	☉ decl 21 45 54 S. Cold increa-	☉	7 29 4	31	0 46	2 29
13	FE	1st SUN. after EPIPH. ses very	☉	7 28 4	32	1 30	3 38
14	M	☉ runs low, much.	☉	7 27 4	33	2 20	4 48
15	Tu	☉ slo clk 9m 55s. A little	☉	7 26 4	34	3 16	5 54
16	W	☉ in Perigee, more	☉	7 25 4	35	4 18	6 53
17	Th	Days length 9h 12m. mild.	☉	7 24 4	36	5 37	7 32
18	Fr	Prisca, ☉ ☉ ☉ Look out	☉	7 23 4	37	6 49	8 12
19	Sat	Place of ☉ Node 7 0 45 for	☉	7 22 4	38	8 0	8 47
20	FE	2nd SUN. af EPIPH ☉ enters ☉	☉	7 22 4	38	9 7	9 22
21	M	☉ sou 10h 56m Snow about	☉	7 21 4	39	10 7	10 26
22	Tu	Vincent, this	☉	7 20 4	40	10 36	11 33
23	W	☉ in ☉ time.	☉	7 19 4	41	11 11	morn
24	Th	☉ slo clk 12m 33s More	☉	7 18 4	42	11 45	0 37
25	Fr	Conversion of St. Paul, Snow.	☉	7 17 4	43	af. 14	1 32
26	Sat	☉ decl 18 53 16 sou. Stormy	☉	7 16 4	44	0 54	2 30
27	FE	3d SUN af EPIPH D of Sussex b.	☉	7 15 4	45	1 41	3 24
28	M	☉ Lat 4 32 sou. weather	☉	7 14 4	46	2 26	4 18
29	Tu	King GEO IV Accession 1820.	☉	7 13 4	47	3 18	5 3
30	W	K. CHA's, i Martyr, changable.	☉	7 12 4	48	4 13	5 44
31	Th	K GEO. IV Proclaimed. as yet.	☉	7 11 4	49	5 3	6 21

[hath 31 days.]

OTHER! these,
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balm;
iles,
onths,
y sun

16th 7h 6m Eve.
23d 3h 27m Eve.
Eve.

Set.	Rise-	Set.
4 24	4 38	6 31
4 24	5 39	7 14
4 25	6 21	7 58
4 25	7 15	8 29
4 26	8 10	9 1
4 27	9 10	9 30
4 28	10 5	9 58
4 29	11 3	10 26
4 29	11 40	11 20
4 30	morn	af. 13
4 30	0 15	1 19
4 31	0 46	2 29
4 32	1 30	3 38
4 33	2 20	4 48
4 34	3 16	5 54
4 35	4 18	6 53
4 36	5 37	7 32
4 37	6 49	8 12
4 38	8 0	8 47
4 38	9 7	9 22
4 39	10 7	10 26
4 40	10 36	11 33
4 41	11 11	morn
4 42	11 45	0 37
4 43	af. 14	1 32
4 44	0 54	2 30
4 45	1 41	3 24
4 46	2 26	4 18
4 47	3 18	5 8
4 48	4 13	5 44
4 49	5 3	6 21

2nd month]

FEBRUARY.

[hath 29 days.]

Shoots full perfection thro' the swelling year;
And oft Thy voice in dreadful thunder speaks;
And oft at dawn, deep noon, or falling eve,
By brooks and groves, in hollow-whispering gales.
Thy bounty shines in Autumn unconfin'd,
And spreads a common feast for all that lives.
In Winter awful thou! with clouds and storms
Around Thee thrown, tempest o'er tempest roll'd,
Majestic darkness! on the whirlwind's wing,
Riding sublime, Thou bidst the world adore,

① Last Quar. 8th 2h 37m Eve. ② New Moon 15th 5h 27m Morn
③ First Quarter, 22d 9h 20m Morn.

D	D	Aspects, Holy Days, Anniver-	Pl	Rise	Set-	Rise.	Set.
M	W	saries, &c.					
1	Fr	☉ slo clk 14m 3s <i>More fair and</i>	☉	7 10	4 50	6 0	6 56
2	Sat	Purif. of B. V. Mary. <i>mild.</i>	☾	7 9	4 51	6 57	7 27
3	FE	SEPTUAGESIMA SUND. Blasius,	☾	7 8	4 52	7 50	7 56
4	M	On mor. of Purif. <i>Atittle more</i>	☾	7 6	4 54	8 53	8 23
5	Tu	Agatha, <i>snow, some</i>	☾	7 5	4 55	9 34	9 7
6	W	☉ decl 15 49 42 sou. <i>sleet if</i>	☾	7 4	4 56	10 6	10 14
7	Th	☉ in ☉ <i>the wind</i>	☾	7 2	4 58	10 43	11 17
8	Fr	☿ sou 0h 18m <i>is south or</i>	☾	7 1	4 59	11 25	af. 16
9	Sat	☉ Lat 3 17 N. <i>south west.</i>	☾	6 59	5 1	morn	1 17
10	FE	SEXAGESIMA SUND. <i>Mild.</i>	☾	6 58	5 2	0 7	2 24
11	M	☉ runs low <i>Look for</i>	☾	6 57	5 3	0 57	3 29
12	Tu	☿ sou 1h 57m <i>a thaw</i>	☾	6 55	5 5	1 54	4 31
13	W	☉ in Perigee, <i>about</i>	☾	6 53	5 7	2 59	5 26
14	Th	Valentine, <i>this</i>	☾	6 52	5 8	4 7	6 13
15	Fr	☉ slo clk 14m 35s <i>time.</i>	☾	6 50	5 10	5 16	7 54
16	Sat	☉ decl 12 34 8 sou <i>Again</i>	☾	6 49	5 11	6 41	7 11
17	FE	QUINQUAGESIMA SUNDAY, <i>grows</i>	☾	6 48	5 12	7 46	7 14
18	M	☉ Lat 0 5 30 N. <i>colder, [☿</i>	☾	6 46	5 14	8 31	9 9
19	Tu	SHROVE TUESDAY ☉ in ☉ ☉ <i>en</i>	☾	6 45	5 15	9 10	10 19
20	W	ASH WEDNESDAY, <i>yet change-</i>	☾	6 44	5 16	9 41	11 22
21	Th	Days length 10h 36m <i>able,</i>	☾	6 42	5 18	10 17	morn
22	Fr	☿ sou 8h 36m <i>Fair and frosty.</i>	☾	6 41	5 19	10 55	0 18
23	Sat	☉ runs high, [D. of Camb b.	☾	6 40	5 20	11 37	1 16
24	FE	1st SUND. in LENT, St Matthias	☾	6 38	5 22	af. 2	2 8
25	M	☉ Lat 4 57 32 sou.	☾	6 36	5 24	1 9	2 38
26	Tu	☉ in Apogee, <i>Good</i>	☾	6 35	5 25	2 8	3 44
27	W	☉ decl 8 36 5 sou. <i>sleighting,</i>	☾	6 34	5 26	2 58	4 21
28	Th	☿ stationary, <i>and pleasant.</i>	☾	6 32	5 28	3 35	4 57
29	Fr	☉ slo clk 12m 44s. <i>Snow.</i>	☾	6 30	5 30	4 42	5 29

N. B. (☿) Venus will be the Evening Star from the commencement of the year, till the 26th July, then morning Star.

3d month]

MARCH.

[hath 31 days.]

And humblest Nature with Thy northern blast.

Mysterious round! what skill, what force divine,
 Deep felt, in these appear! a simple train,
 Yet so delightful mix'd with such kind art,
 Such beauty and beneficence combin'd;
 Shade, unperceiv'd, so softening into shade;
 And all so forming an harmonious whole;
 That, as they still succeed, they ravish still.
 But wandering oft, with brute unconscious gaze,
 Man marks not Thee, marks not the mighty hand,

☉ Full Moon 1st 1h 35m Eve ☉ New Moon 15th 4h 20m Eve
 ☉ Last Quar 9th 0h 0m Morn. ☉ First Quar 25th 4h 44m Morn
 ☉ Full Moon 30th 9h 0m Morn.

D	D	Aspects, Holy Days, Anniver-	☉	☉	☉	☉	☉
M	W	saries, &c.	Pl	Rise	Set	Rise,	Set.
1	Sat	St. David <i>may</i>	☾	6 29 5 31	5 51	6 0	
2	FE	2d SUNDAY in LENT, Chad be	☾	6 28 5 32	6 50	6 29	
3	M	☉ slo clk 12m 6s <i>expected.</i>	☾	6 27 5 33	7 38	6 59	
4	Tu	☉ decl 6 19 18 sou. <i>Snow</i>	☾	6 25 5 35	8 3	8 1	
5	W	☉ in ☉ ☐ ☉ ☿ <i>with</i>	☾	6 24 5 36	8 46	8 55	
6	Th	☉ Lat 0 45 53 N. <i>blustering</i>	☾	6 23 5 37	9 26	10 10	
7	Fr	Perpetua. <i>weather.</i>	☾	6 21 5 39	10 9	11 17	
8	Sat	☿ Stationary, <i>Very</i>	☿	6 20 5 40	10 56	af. 15	
9	FE	3d SUND. in LENT, ☉ runs low	☿	6 18 5 42	11 49	1 22	
10	M	Days length 11h 28m <i>cold with</i>	☿	5 16 5 44	morn	2 24	
11	Tu	☿ sou 2h 14m <i>high</i>	☿	6 15 5 45	0 50	3 19	
12	W	Gregory Martyr, <i>winds.</i>	☿	6 14 5 46	1 53	4 7	
13	Th	☉ in Perigee, <i>Fair</i>	☿	6 12 5 48	2 57	4 51	
14	Fr	☿ Stationary, <i>and</i>	☿	6 11 5 49	4 9	5 28	
15	Sat	☉ slo clk 8m 57s <i>pleasant</i>	☿	6 9 5 51	5 20	6 3	
16	FE	4th SUND in LENT, Mid. L Sun	☿	6 8 5 52	6 30	6 55	
17	M	☿ ☉ ☿ Inf St PATRICK for the	☿	6 6 5 54	7 4	8 3	
18	Tu	Ed K of W Sax ☉ in ☿ season.	☿	6 4 5 56	7 40	9 10	
19	W	☉ decl 0 26 17 sou. <i>Expect</i>	☿	6 2 5 58	8 17	10 13	
20	Th	☉ enter ☿ <i>very</i>	☿	6 0 6 0	8 56	11 12	
21	Fr	Benedict, <i>stormy</i>	☿	5 58 6 2	9 36	morn	
22	Sat	☉ runs high, <i>and</i>	☿	5 56 6 4	10 24	0 4	
23	FE	5th SUND in LENT, <i>unpleasant</i>	☿	5 55 6 5	11 11	0 57	
24	M	☉ in Apogee, <i>weather</i>	☿	5 54 6 6	af. 4	1 42	
25	Tu	Annunc. of B. V. Mary, <i>with</i>	☿	6 53 6 7	0 59	2 25	
26	W	☿ sou 6h 36m, <i>rain</i>	☿	5 52 6 8	1 43	3 2	
27	Th	☉ Lat 4 28 34 sou <i>that</i>	☿	5 51 6 9	2 51	3 35	
28	Fr	☉ decl 3 5 49 N. <i>will</i>	☿	5 50 6 10	3 49	4 7	
29	Sat	☉ slo clk 4m 39s. <i>spoil the</i>	☿	5 48 6 12	4 48	4 37	
30	FE	6th SUN in LENT Palm S. <i>sleigh</i>	☿	5 47 6 13	5 45	5 7	
31	M	☿ Stationary, <i>ing for the</i>	☿	5 46 6 14	6 17	5 58	

[hath 31 days.]

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d.

gaze,
y hand,

5th 4h 20m Eve

5th 4h 44m Morn

Set	Rise,	Set.
31	5 51	6 0
32	6 50	6 29
33	7 38	6 59
35	8 3	8 1
36	8 46	8 55
37	9 26	10 10
39	10 9	11 17
40	10 56	af. 15
42	11 49	1 22
44	morn	2 24
45	0 50	3 19
46	1 53	4 7
48	2 57	4 51
49	4 9	5 28
51	5 20	6 3
52	6 30	6 55
54	7 4	8 3
56	7 40	9 10
58	8 17	10 13
0	8 56	11 12
2	9 36	morn
4	10 24	0 4
5	11 11	0 57
6	af. 4	1 42
7	0 59	2 25
8	1 43	3 2
9	2 51	3 35
10	3 49	4 7
12	4 48	4 37
13	5 45	5 7
14	6 17	5 58

4th month,]

APRIL,

[hath 30 days.]

That, ever-busy, wheels the silent spheres;
Works in the secret deep; shoots, steaming, thence
The fair profusion that o'erspreads the Spring:
Flings from the sun direct the flaming day,
Feeds every creature, hurls the tempest forth,
And, as on earth this grateful change revolves,
With transport touches all the springs of life.

Nature, attend! join every living soul
Beneath the spacious temple of the sky,
In adoration join, and ardent raise

⊙ Last Quar. 7th 6h 48m Morn ⊙ First Quar. 22d 0h 0m Morn
⊙ New Moon 14th 4h 0m Morn ⊙ Full Moon 29th 5h 26m Eve

D	D	Aspects, Holy Days, Anniver-	Pl	Rise	Set.	Rise.	Set.
M	W	saries, &c.					
1	Tu	☾ in ♏ decl 4 38 49 N season	♏	5 43	6 17	6 54	6 58
2	W	☐ ☽ ☿ slo clk 3m 44s should	♏	5 42	6 18	7 33	8 10
3	Th	Richard Bp of Chich the wind	♏	5 41	6 19	8 14	9 17
4	Fr	GOOD FRIDAY continue south'ly.	♏	5 40	6 20	9 2	10 20
5	Sat	☾ runs low, Clouds	♏	5 39	6 21	9 55	11 27
6	FE	EASTER DAY, up for	♏	5 37	6 23	10 53	af. 26
7	M	EASTER MONDAY, snow or rain,	♏	5 36	6 24	11 51	1 22
8	Tu	EASTER TUESDAY, Rain	♏	5 35	6 25	morn	2 13
9	W	☾ in Perigee, and	♏	5 33	6 27	0 59	2 55
10	Th	☿ sou 10h 23m. sleet.	♏	5 31	6 29	2 7	3 33
11	Fr	☾ Lat 2 59 27 N. Stormy	♏	5 30	6 30	3 15	4 10
12	Sat	☾ slo clk 0m 35s and unsettled	♏	5 28	6 32	4 20	4 43
13	FE	1st SUN. af EASTER Low Sund	♏	5 27	6 33	5 24	5 36
14	M	☾ in ♏ ☿ Gr Elo Frequent	♏	5 25	6 35	5 24	7 1
15	Tu	☾ fa clk 0m 11s, showers	♏	5 24	6 36	6 17	8 3
16	W	Eays length 13h 15m of rain,	♏	5 22	6 38	6 57	9 16
17	Th	☾ decl 10 34 2 N. hail	♏	5 21	6 39	7 38	10 3
18	Fr	☾ runs high, or snow.	♏	5 19	6 41	8 24	10 56
19	Sat	Alphege, ☾ enters ♏ Cloudy	♏	5 17	6 43	9 12	11 43
20	FE	2nd SUNDAY af EASTER, with	♏	5 16	6 44	10 4	morn
21	M	☾ in Apogee ☐ ☽ ☿ cold	♏	5 14	6 46	10 54	0 28
22	Tu	☾ Lat 5 5 34 S. and high	♏	5 13	6 47	11 46	1 6
23	W	St GEORGE K GEO IV b. d. kept	♏	5 11	6 49	af. 49	1 42
24	Th	☿ sou 4h 55m. winds.	♏	5 10	6 50	1 47	2 14
25	Fr	St Mark, D's of Glouc b. More	♏	5 8	6 52	2 45	2 45
26	Sat	☾ fa clk 2m 30s. rain.	♏	5 7	6 53	3 41	3 15
27	FE	3d SUNDAY af EASTER, I expect	♏	5 6	6 54	4 15	3 50
28	M	☾ in ♏ Clear	♏	5 5	6 55	4 55	4 54
29	Tu	☽ ☾ 24 again	♏	5 4	6 56	5 24	6 0
30	W	☾ decl 14 50 59 N. weather	♏	5 3	6 57	6 14	7 8

5th month]

MAY.

[hath 31 days]

One general song! To Him, ye vocal gales,
 Breathe soft, whose Spirit in your freshness breathes;
 Oh! talk of him in solitary glooms!
 Where o'er the rock, the scarcely waving pine
 Fills the brown shade with a religious awe.
 And ye, whose bolder note is heard afar,
 Who shake th' astonish'd world, lift high to heaven
 Th' impetuous song, and say from whom you rage.
 His praise, ye brooks, attune, ye trembling rills;
 And let me catch it as I muse along.

☾ Last Quar. 6th 0h 14m Eve. ☽ First Quar. 21st 5h 53m Eve.
 ☾ New Moon 13th 4h 32m Eve ☽ Full Moon 29th 2h 59m Morn

D	M	Aspects, Holy Days, Anniver- saries, &c.	☾	☽	☾	☽	☾	☽
			Pl	Rise	Set.	Rise.	Set.	
1	Th	St Philip & St. James, grows	☾	5 26	58	7 1	8 15	
2	Fr	☾ runs low more warm and	☾	5 16	59	7 55	9 21	
3	Sat	Inven of the Cross, pleasant.	☾	5 07	0	8 51	10 25	
4	FE	4th SUN. af EASTER. ☽ in Per.	☾	4 59	7	1 9	50	11 21
5	M	☽ fast clk 3m 38s Expect	☾	4 58	7	2 10	54	af. 13
6	Tu	St John Ev. Ante Port L much	☾	4 57	7	3 morn	1 1	
7	W	☽ sou 10h 57m rain	☾	4 55	7	5 0	5	1 39
8	Th	☽ Lat 3 14 16 N. during	☾	4 54	7	6 1	11	2 15
9	Fr	☽ decl 17 25 26, this	☾	4 53	7	7 2	27	2 48
10	Sat	☽ sou 3h 12m. quarter	☾	4 52	7	8 3	17	3 27
11	FE	5th SUN af EAST. Roga Sun. of	☾	4 51	7	9 3	58	4 34
12	M	☽ sou 11h 5m the moon.	☾	4 49	7	11 4	16	5 54
13	Tu	☽ Pl of the node 6 24 40 again	☾	4 48	7	12 5	8	6 45
14	W	Days length 14h 26m. pleasant	☾	4 47	7	13 5	35	7 54
15	Th	ASCEN D. Holy Thursday and,	☾	4 45	7	15 6	19	8 49
16	Fr	On mor. of Ascen. ☽ runs high	☾	4 44	7	16 7	5	9 39
17	Sat	☽ fa clk 3m 58s fair. Vegetation	☾	4 43	7	17 7	57	10 24
18	FE	SUNDAY af Ascens. day, will	☾	4 42	7	18 8	47	11 2
19	M	☽ in Apogee ☽ Gr Elong. now	☾	4 42	7	18 9	48	11 37
20	Tu	☽ enters ☽ become	☾	4 41	7	19 10	35	morn
21	W	☽ Lat 4 13 2 sou very	☾	4 40	7	20 11	31	0 15
22	Th	Pr's. of Homburg b. rapid.	☾	4 39	7	21 af.	35	0 46
23	Fr	☽ ☽ superior Days some-	☾	4 38	7	22 1	32	1 14
24	Sat	☽ decl 20 49 5 N. what more	☾	4 38	7	22 2	16	1 43
25	FE	WHIT SUNDAY, like summer	☾	4 37	7	23 2	49	2 37
26	M	WHIT M. Augt 1, A bp of Cant	☾	4 37	7	23 3	40	3 41
27	Tu	WHIT Tu. Ven. Bede. than any	☾	4 36	7	24 4	4	4 31
28	W	☽ fa clk 3m 7s we have	☾	4 35	7	25 4	51	6 57
29	Th	K Cha's II restored, had.	☾	4 34	7	26 5	42	7 5
30	Fr	☽ runs low, A little	☾	4 34	7	26 6	40	8 11
31	Sat	☽ in Perigee, more rain	☾	4 33	7	27 7	41	9 12

[hath 31 days]

breathes;

ne

heaven

ou rage.

rills;

1st 5h 53m Eve.

th 2h 59m Morn

Set.	Rise.	Set.
58	7 1	8 15
59	7 55	9 21
0	8 51	10 25
1	9 50	11 21
2	10 54	af. 13
3	morn	1 1
5	0 5	1 39
6	1 11	2 15
7	2 27	2 48
8	3 17	3 27
9	3 58	4 34
11	4 16	5 54
12	5 8	6 45
13	5 35	7 54
15	6 19	8 49
16	7 5	9 39
17	7 57	10 24
18	8 47	11 2
18	9 48	11 37
19	10 35	morn
20	11 31	0 15
21	af. 35	0 46
22	1 32	1 14
22	2 16	1 43
23	2 49	2 37
23	3 40	3 41
24	4 4	4 31
25	4 51	6 57
26	5 42	7 5
26	6 40	8 11
27	7 41	9 12

6th month]

JUNE.

[hath 30 days.]

Ye headlong torrents, rapid, and profound;
 Ye softer floods, that lead the humid maze
 Along the vale; and thou, majestic main,
 A secret world of wonders in thyself,
 Sound His stupendous praise; whose greater voice
 Or bids you roar, or bids your roaring fall.
 Soft-roll your incense, herbs, and fruits, and flowers,
 In mingled clouds to Him; whose sun exalts,
 Whose breath perfumes you, and whose pencil paints.
 Ye forests bend, ye harvests wave, to Him;

☉ Last Quar 4th 5h 44m Eve ☽ First Quar 2th 9h 34m Morn
 ☾ New Moon 12th 5h 54m Morn ☽ Full Moon 27th 10h 25m Mor

D.	D.	Aspects, Holy Days, Anniver-	☉	☉	☉	☉	☉
M	W	saries, &c	Pl	Rise	Set	Rise	Set.
1	FE	TRINITY SUNDAY, Nicom. Dark	☾	4 33	7 27	8 50	10 6
2	M	On mor. of H Tr. and	☾	4 33	7 27	9 49	10 53
3	Tu	☉ fa clk 2m 1 s foggy.	☾	4 32	7 28	10 55	11 32
4	W	☉ decl 22 28 14 N Rather un-	☾	4 32	7 28	morn a . 14	
5	Th	Boniface. D. of Camb b. settled.	☾	4 31	7 29	0 10	0 49
6	Fr	☉ sou 1h 8m Rain in	☾	4 31	7 29	1 17	1 23
7	Sat	☉ in ☿ some	☾	4 30	7 30	1 47	2 15
8	FE	1st SUNDAY af TRINITY, places,	☾	4 29	7 31	2 27	3 28
9	M	☉ sou 3h 11m but not	☾	4 29	7 31	3 2	4 32
10	Tu	☉ Lat 3 10 52 sou here.	☾	4 28	7 32	3 39	5 35
11	W	St Barnabas, Expect	☾	4 28	7 32	4 15	6 33
12	Th	☉ runs high, some	☾	4 28	7 32	4 56	7 31
13	Fr	☉ decl 23 14 20 N. thunder	☾	4 28	7 32	5 45	8 15
14	Sat	☉ fa clk 0m 9s showers.	☾	4 27	7 33	6 36	8 58
15	FE	2nd SUNDAY af TRINITY Clouds	☾	4 27	7 33	7 30	9 34
16	M	☉ in Apogee, up for	☾	4 27	7 33	8 23	10 6
17	Tu	St. Alban, rain. [Long	☾	4 26	7 34	9 18	10 26
18	W	Bat. of Waterloo, day 15h 8m	☾	4 26	7 34	10 15	11 6
19	Th	☉ slo clk 0m 42s. Rain.	☾	4 26	7 34	11 12	11 33
20	Fr	Tra of Ed K of W sax. Change-	☾	4 25	7 35	af. 9	morn
21	Sat	☉ enters ☿ able with	☾	4 24	7 36	0 39	0 18
22	FE	3d SUNDAY after Tr. south	☾	4 24	7 36	1 12	1 18
23	M	☉ Lat 1 41 12 N. winds.	☾	4 25	7 35	1 48	2 22
24	Tu	Nativity of St John Bapt More	☾	4 26	7 34	2 31	3 28
25	W	☉ decl 23 24 17 N, pleasant	☾	4 27	7 33	3 19	4 36
26	Th	☉ runs low, yet cloudy.	☾	4 27	7 33	4 15	5 43
27	Fr	☉ Gr Elongation, Now	☾	4 28	7 32	5 17	6 50
28	Sat	☉ in Perigee, frequent	☾	4 28	7 32	6 22	7 49
29	FE	4th SUN af Tr. St Peter,	☾	4 28	7 32	7 30	8 39
30	M	☉ ☉ ☉ showers	☾	4 28	7 32	8 40	9 24

7th month]

JULY,

[hath 31 days.]

Breathe your still song into the reaper's heart,
 As home he goes beneath the joyous moon.
 Ye that keep watch in heaven, as earth asleep
 Unconscious lies, effuse your mildest beams,
 Ye constellations, while your angels strike,
 Amid the spangled sky, the silver lyre.
 Great source of day! best image here below
 Of thy Creator, ever pouring wide,
 From world to world the vital ocean round,
 On Nature write with every beam His praise.

☾ Last Quar. 4th 0h 43m Morn ☽ First Quar. 19th 10h 35m Eve
 ☾ New Moon 11th 8h 11m Eve ☽ Full Moon 26th 5h 1m Eve.

D	M	W	Aspects, Holy Days, Anniver- saries, &c.	☾ Pl	☽ Rise	☽ Set.	☾ Rise.	☽ Set.
1	Tu	21	Stationary, with	☾	4 29	7 31	9 47	10 4
2	W		Visit. of B V Mary, heavy	☾	4 30	7 30	10 56	10 38
3	Th	☽	decl 22 58 2 N. claps of	☾	4 30	7 30	morn	11 12
4	Fr		Transl of St. Martin, thunder.	☾	4 31	7 29	0 1	af. 11
5	Sat	☽	in ☽ Very	☾	4 31	7 29	0 24	1 16
6	FE		5th SUN aft Tr. ☽ Sta pleasant	☾	4 32	7 28	0 57	2 19
7	M	☽	slo clk 4m 28s, but rather	☾	4 32	7 28	1 32	3 23
8	Tu	☽	Lat 3 52 6 sou warm.	☾	4 32	7 28	2 10	4 22
9	W	☽	runs high More	☾	4 32	7 28	2 53	5 19
10	Th		Columbus b. 1447, rain.	☾	4 33	7 27	3 37	6 9
11	Fr	☽	decl 21 47 58 N. Now	☾	4 33	7 27	4 24	6 55
12	Sat	☽	Stationary, clear and-	☾	4 34	7 26	5 20	7 33
13	FE		6th SUNDAY aft Tr. sultry.	☾	4 34	7 26	6 15	8 5
14	M	☽	in Apogee, Thunder	☾	4 35	7 25	7 10	8 35
15	Tu		Swithin, showers	☾	4 36	7 24	8 5	9 4
16	W	☽	☽ in many	☾	4 36	7 24	9 1	9 32
17	Th	☽	slo clk 5m 4s, places.	☾	4 37	7 23	9 58	10 10
18	Fr	☽	sou. 10h 20m. It be-	☾	4 37	7 23	10 40	11 10
19	Sat		K. GEO IV crowned 1821, comes	☾	4 38	7 22	11 14	morn
20	FE		7th SUNDAY after Tr Margaret	☾	4 39	7 21	11 47	0 5
21	M	☽	sou 0h 11m again pleasant	☾	4 40	7 20	af. 19	1 8
22	Tu		Magdalen, ☽ ent, ☽ 8 ☽ H	☾	4 41	7 19	1 5	2 14
23	W	☽	Lat 4 19 12 N, and comfort-	☾	4 42	7 18	1 55	3 19
24	Th		☽ runs slow ☽ ☽ Inf table.	☾	4 43	7 17	2 54	4 23
25	Fr		St Ja's. Bat Lundys L. A storm	☾	4 44	7 16	3 57	5 26
26	Sat		St Anne, Dog days begin, may	☾	4 45	7 15	5 7	6 22
27	FE		8th SUN. af Tr. ☽ in Perigee be	☾	4 46	7 14	6 17	7 12
28	M	☽	☽ 21 looked	☾	4 47	7 13	7 29	7 54
29	Tu	☽	decl 18 43 36 N. for.	☾	4 48	7 12	8 39	8 34
30	W	☽	slo clk 5m 56s Pleasant	☾	4 49	7 11	9 50	9 10
31	Th		Length of day 14h 20m, again	☾	4 50	7 10	10 30	10 3

[hath 31 days.]

8th month]

AUGUST.

[hath 31 days.]

heart,
on.
asleep
ams,
ke,
elow
and,
raise.

r, 19h 10h 35m Eve
n 26th 5h 1m Eve.

	Set.	Rise.	Set.
9	7 31	9 47	10 4
0	7 30	10 56	10 38
0	7 30	morn	11 12
1	7 29	0 1	af. 11
1	7 29	0 24	1 16
2	7 28	0 57	2 19
2	7 28	1 32	3 23
2	7 28	2 10	4 22
2	7 28	2 53	5 19
3	7 27	3 37	6 9
3	7 27	4 24	6 55
4	7 26	5 20	7 33
4	7 26	6 15	8 5
5	7 25	7 10	8 35
6	7 24	8 5	9 4
6	7 24	9 1	9 32
7	7 23	9 58	10 10
7	7 23	10 40	11 10
8	7 22	11 14	morn
9	7 21	11 47	0 5
0	7 20	af. 19	1 8
1	7 19	1 5	2 14
2	7 18	1 55	3 19
3	7 17	2 54	4 23
4	7 16	3 57	5 26
5	7 15	5 7	6 22
6	7 14	6 17	7 12
7	7 13	7 29	7 54
8	7 12	8 39	8 34
9	7 11	9 50	9 10
0	7 10	10 30	10 3

The thunder rolls: be hush'd the prostrate world;
While cloud to cloud returns the solemn hymn.
Bleat out a fresh, ye hills; ye mossy rocks,
Retain the sound: the broad responsive lowe,
Ye valleys, raise: for the GREAT SHEPHERD reigns;
And his *unsuffering* kingdom yet will come.
Ye woodlands all, awake: a boundless song
Burst from the groves! and when the restless day,
Expiring, lays the warbling world asleep,
Sweetest of birds! sweet Philomela! charm

① Last Quar. 2d 10h 20m Morn ② First Quar 18th 9h 28m Morn
③ New Moon 10th 11h 24m Mor ④ Full Moon 25th 0h 10m Morn
⑤ Last Quarter 31st 11h 20m Eve.

D	D	Aspects, Holy Days, Anniver-	☾	☾	☾	☾
M	W	saries, &c.	Rise	Set	Rise	Set
1	Fr	Lammas Day, ☽ in ♉ Fair.	☾ 5 7 11 4	11 3		
2	Sat	☽ slo clk 5m 36s More	☾ 4 52 7 8 11 40	aft 9		
3	FE	9th SUN aft Tr. ☽ ♂ sta rain.	☾ 4 53 7 7 morn	1 15		
4	M	☽ decl 17 12 39 N Clear and	☾ 4 55 7 5 0 10	2 15		
5	Tu	Dog Days end, pleasant.	☾ 4 56 7 4 0 52	3 13		
6	W	Transfig of our Lord, Now	☾ 4 57 7 3 1 35	4 6		
7	Th	Name of Jesus, sultry	☾ 4 58 7 2 2 22	4 53		
8	Fr	☽ runs high, distant	☾ 4 59 7 1 3 11	5 37		
9	Sat	☽ in Apogee. thunder.	☾ 5 16 59 4 2 6	16		
10	FE	10th SUN af Tr. St Lawrence.	☾ 5 26 58 4 56	6 52		
11	M	☽ Lat 3 35 22 S. Rain.	☾ 5 46 56 6 3 7	9		
12	Tu	King GEORGE IV b 1762 ☽ Gr Elon	☾ 5 56 55 7 1 7	38		
13	W	☽ decl 14 37 39 N. Sultry.	☾ 5 66 54 7 56	8 8		
14	Th	☽ slo clk 4m 21s Refreshing	☾ 5 76 53 8 45	9 5		
15	Fr	☽ in ♊ showers.	☾ 5 86 52 9 15	10 5		
16	Sat	Surrender of Gen. Hull, 1812.	☾ 5 96 51 9 49	11 7		
17	FE	11th SUNDAY af TRINITY Warm	☾ 5 106 50 10 13	morn		
18	M	☽ stationary, but	☾ 5 116 49 11 5 0	4		
19	Tu	☽ Lat. 4 16 10 N. pleasant.	☾ 5 126 48 11 49 1	8		
20	W	☽ runs high, Foggy	☾ 5 136 47 aft 42	2 11		
21	Th	Duke of Clarence born and	☾ 5 149 46 1 42	3 12		
22	Fr	☽ enters ♊ some	☾ 5 166 44 2 48	4 9		
23	Sat	☽ in Perigee. rain.	☾ 5 176 43 3 59	5 2		
24	FE	12th SUNDAY af Tr St Bartho.	☾ 5 186 42 5 19	5 56		
25	M	☽ place of the node 6 19 9 In-	☾ 5 206 40 6 22	6 29		
26	Tu	☽ slo clk 1m 19s, dian Corn	☾ 5 226 38 7 33	7 8		
27	W	☽ Lat 0 25 8 N. grows	☾ 5 236 37 8 30	7 45		
28	Th	St Augustine ☽ in ♋ well this	☾ 5 266 34 9 7 8	58		
29	Fr	St John Bapt beheaded, year.	☾ 5 286 32 9 42	10 6		
30	Sat	☽ decl 8 56 31 N. Fine and	☾ 5 296 31 10 33	11 13		
31	FE	13th SUNDAY af TRINITY fair.	☾ 5 306 30 10 59	aft 11		

B.

9th month]

SEPTEMBER.

[bath 30 days.

The listening shades, and teach the night His praise.
 Ye chief, for whom the whole creation smiles,
 At once the head, the heart, and tongue of all,
 Crown the great hymn! in swarming cities vast,
 Assembled men, to the deep organ join
 The long resounding voice, oft-breaking clear,
 At solemn pauses, through the swelling bass;
 And, as each mingling flame increases each,
 In one united ardor rise to heaven:
 Or if you rather choose the rural shade,

☉ New Moon 9th 3h 15m Morn ☽ Full Moon 23d 8h 44m Morn
 ☿ First Quar. 16th 6h 8m Eve ☿ Last Quar. 30th 3h 49m Eve.

D	D	Aspects, Holy Days, Anniver-	☾	☾	☾	☾	☾
M	W	saries, &c.	Pl	Rise	Set.	Rise.	Set.
1	M	Giles, ☉ fa clk 0m 27s, Nights	☾	5 31	6 29	11 39	1 9
2	Tu	London burnt 1636, O S become	☾	5 33	6 27	morn	2 6
3	W	Days length 12h 52m, cool	☾	5 34	6 26	0 26	2 56
4	Th	☉ decl 7 7 6 N. days	☾	5 36	6 24	1 15	3 42
5	Fr	☉ in Apogee, pleasant	☾	5 37	6 23	1 56	4 12
6	Sat	☿ ☉ ☿ Superior, and	☾	5 38	6 22	2 59	4 58
7	FE	14th SUNDAY af TRINITY, clear.	☾	5 40	6 20	3 52	5 34
8	M	Nat of B. V. Mary, You may	☾	5 42	6 18	4 48	6 2
9	Tu	☉ Lat 2 0 24 S. look	☾	5 44	6 16	5 59	6 27
10	W	☿ sou 0h 15m. out	☾	5 46	6 14	6 54	7 6
11	Th	☉ in ☉ for a	☾	5 48	6 12	7 25	8 6
12	Fr	☿ decl 4 50 N. very	☾	5 50	6 10	7 56	9 7
13	Sat	☉ decl 3 43 13 N. great storm	☾	5 51	6 9	8 33	10 8
14	FE	15th Sun af Tr. Holy Cross,	☾	5 52	6 8	9 10	11 11
15	M	☉ fa clk 5m 11s. of rain.	☾	5 53	6 7	9 56	morn
16	Tu	☉ runs low, Pleasant	☾	5 54	6 6	10 44	0 11
17	W	Lambert, indeed	☾	5 55	6 5	11 39	1 11
18	Th	Days length 12h 8m, but for a	☾	5 56	6 4	af. 42	2 8
19	Fr	☉ Lat 4 55 37 N. day or	☾	5 57	6 3	1 48	3 1
20	Sat	☿ sou 7h 24m. two.	☾	5 58	6 2	2 58	3 48
21	FE	16th Sun. af Tr. St Matt. Still	☾	5 59	6 1	4 8	4 30
22	M	☉ enters ☉ pleasant.	☾	6 0	6 0	5 19	5 9
23	Tu	☉ decl 21 4 S. This	☾	6 1	5 59	6 32	5 47
24	W	☉ in ☉ will	☾	6 3	5 57	7 9	6 42
25	Th	☉ decl 0 56 16 S. be	☾	6 5	5 55	7 45	7 52
26	Fr	St. Cyprian, rather	☾	6 7	5 53	8 23	8 58
27	Sat	☉ fa clk 9m 18s a rainy	☾	6 8	5 52	9 3	10 9
28	FE	17th SUNDAY af Tr. month	☾	6 10	5 50	9 45	11 12
29	M	St Michael, ☉ of Wirt h if I mis-	☾	6 11	5 49	10 30	at. 5
30	Tu	St Jerome, take not.	☾	6 13	5 47	11 8	0 59



[hath 30 days.]

10th month]

OCTOBER,

[hath 31 days.]

ght His praise.
smiles,
e of all,
ities vast,
g clear,
bass;
each,

And find a fane in every sacred grove;
There let the shepherd's flute, the virgin's lay,
The prompting seraph, and the poet's lyre,
Still sing the GOD OF SEASONS, as they roll.
For me, when I forget the darling theme,
Whether the blossom blows, the summer ray
Russets the plain, inspiring Autumn gleams;
Or Winter rises in the blackening east,
Be my tongue mute, may Fancy paint no more,
And, dead to joy, forget my heart to beat!

on 23d 8h 44m Morn
r. 30th 3h 49m Eve.

☾ New Moon 8th 7h 0m Eve ☽ Full Moon 22d 17h 54m Eve
☾ First Quar 16th 1h 29m Morn ☽ Last Quar 30th 11h 16m Morn

Day	Set.	Rise.	Set.	Day	Aspects, Holy Days, Anniversaries, &c.	Day	Rise.	Set.	Day	Rise.	Set.
1	6 29	11 39	1 9	1	W Remigius, High	☾	4 15	5 45	morn	1 33	
2	6 27	morn	2 5	2	Th ☽ fa clk 10m 53s. winds	☾	5 17	5 43	0 9	2 28	
3	6 26	0 26	2 56	3	Fr ☽ in Apogee, with	☾	6 19	5 41	1 2	3 6	
4	6 24	1 15	3 42	4	Sat ☽ decl 4 26 20 sou. some rain.	☾	6 20	5 40	1 56	3 42	
5	6 23	1 56	4 12	5	FE 18th SUND, af Tr. H sta. Day	☾	6 21	5 39	2 52	4 12	
6	6 22	2 59	4 58	6	M Faith, Clear and long 11 20	☾	6 23	5 37	3 49	4 42	
7	6 20	3 52	5 34	7	Tu ☽ Gr Elongation, Cold.	☾	6 24	5 36	4 47	5 13	
8	6 18	4 48	6 2	8	W ☽ eclipsed invisible. Some	☾	6 25	5 35	5 42	5 51	
9	6 16	5 59	6 27	9	Th St Denys, ☽ in ☾ flurries	☾	6 27	5 33	6 5	7 7	
10	6 14	6 54	7 6	10	Fr ☽ Lat 2 10 42 N. of snow.	☾	6 28	5 32	6 41	8 11	
11	6 12	7 25	8 6	11	Sat ☽ decl 7 7 2 S. Now	☾	6 30	5 30	7 18	9 14	
12	6 10	7 56	9 7	12	FE 19th SUNDAY af Tr. flying	☾	6 31	5 29	8 2	10 16	
13	6 9	8 33	10 8	13	M Battle of Queenston,	☾	6 32	5 28	8 48	11 15	
14	6 8	9 10	11 11	14	Tu ☽ runs low, clouds.	☾	6 34	5 26	9 42	morn	
15	6 7	9 56	morn	15	W ☽ fa clk 14m 18s Clear	☾	6 35	5 25	10 40	0 12	
16	6 6	10 44	0 11	16	Th Dark day at Quebec, and	☾	6 37	5 23	11 40	1 6	
17	6 5	11 39	1 11	17	Fr Etheldreda, fair	☾	6 39	5 21	af. 53	1 51	
18	6 4	af. 42	2 8	18	Sat St Luke, Warm	☾	6 40	5 20	2 0	2 34	
19	6 3	1 48	3 1	19	FE 20th SUND af Tr ☽ in perig bul	☾	6 42	5 18	3 10	3 4	
20	6 2	2 58	3 48	20	M ☽ decl 10 26 19 sou. soon turns	☾	6 43	5 17	4 16	3 49	
21	6 1	4 8	4 30	21	Tu ☽ H cold.	☾	6 44	5 16	5 6	4 24	
22	6 0	5 19	5 9	22	W ☽ enters ☾ [America 1492	☾	6 46	5 14	5 43	5 36	
23	5 59	6 32	5 47	23	Th ☽ Gr Elong Columbus discov.	☾	6 47	5 13	6 20	6 29	
24	5 57	7 9	6 42	24	Fr ☽ Lat 3 21 4 sou Windy	☾	6 48	5 12	7 0	7 51	
25	5 55	7 45	7 52	25	Sat Crispin, and	☾	6 50	5 10	7 44	8 59	
26	5 53	8 23	8 58	26	FE 21 SUND af Tr ☽ h some	☾	6 52	5 8	8 27	10 0	
27	5 52	9 3	10 9	27	M ☽ runs high, rough	☾	6 53	5 7	9 14	10 55	
28	5 50	9 45	11 12	28	Tu St Simon & St Jude, weather.	☾	6 54	5 6	10 5	11 43	
29	5 49	10 30	at. 5	29	W ☽ decl 13 33 1 S. now	☾	6 55	5 5	10 55	af. 29	
30	5 47	11 8	0 59	30	Th ☽ fa clk 16m 0s. more	☾	6 57	5 3	11 48	1 9	
31				31	Fr ☽ Lat 4 15 0 S. rain.	☾	6 59	5 1	morn	1 45	

[11th month]

NOVEMBER.

[hath 30 days.]

Should Fate command me to the farthest verge
Of the green earth, to distant barb'rous climes,
Rivers unknown to song, where first the sun
Gilds Indian mountains, or his setting beam
Flames on th' Atlantic isles, 'tis nought to me:
Since God is ever present, ever felt,
In the void waste, as in the city full!
And where He vital breathes, there must be joy.
When even at last the solemn hour shall come,
And wing my mystic flight to future worlds,

☾ New Moon 7th 9h 46m Morn ☽ Full Moon 21st 9h 22m Morn

☾ First Quar 14th 8h 30m Morn ☽ Last Quar 29th 8h 26m Morn

D	D	Aspects, Holy Days, Anniver-	Pl	Rise	Set	Rise	Set
M	W	saries, &c					
1	Sat	ALL SAINTS. warm	☾	7 14 59	0 47	2 16	
2	FE	22d SUN af Tr All Souls, foggy	☾	7 24 58	1 43	2 46	
3	M	On M. of all souls P's Sophia b.	☾	7 34 57	2 40	3 16	
4	Tu	☽ fa clk 16m 8s air for	☾	7 44 56	3 38	3 44	
5	W	Powder Plot 1605 ☽ in S. se-	☾	7 54 55	4 20	4 44	
6	Th	Leonard, vernal days.	☾	7 64 54	4 54	5 45	
7	Fr	☽ decl 16 22 26 S. High	☾	7 71 53	5 15	7 5	
8	Sat	Prs Augusta born, winds	☾	7 84 52	5 57	8 9	
9	FE	23d SUNDAY af TRINITY, may	☾	7 94 51	6 33	8 58	
10	M	☽ runs low, be ex-	☾	7 114 50	7 39	10 9	
11	Tu	St Martin, pected	☾	7 124 48	8 36	11 3	
12	W	On mor of St Martin, Rain,	☾	7 144 46	9 38	11 49	
13	Th	Britius, ☽ ☽ Inferior Now	☾	7 154 45	10 40	morn	
14	Fr	☽ in Perigee, pleasant	☾	7 164 44	11 46	0 37	
15	Sat	Machutus, h stationary and	☾	7 174 43	af. 59	1 14	
16	FE	24th SUN af Tr. ☽ ☽ 2f fair	☾	7 184 42	2 8	1 49	
17	M	Hugh bp of Lincoln, if the	☾	7 194 41	3 0	2 24	
18	Tu	☽ in ☽ wind	☾	7 204 40	3 36	3 20	
19	W	Edm K and Martyr, is	☾	7 214 39	4 11	4 30	
20	Th	☽ fa clk 13m 53s southerly,	☾	7 224 38	4 50	5 35	
21	Fr	☽ enters † Cold	☾	7 234 37	5 52	6 41	
22	Sat	Cecilia, with	☾	7 244 36	6 5	7 42	
23	FE	25th SUN af Tr St Clement rain	☾	7 254 35	7 1	8 30	
24	M	☽ Lat 5 7 7 sou fro. West	☾	7 264 34	7 54	9 31	
25	Tu	Catharine, or snow	☾	7 274 33	8 43	10 20	
26	W	Gr't. Storm 1703 Eng. fro. East	☾	7 284 32	9 34	10 59	
27	Th	☽ decl 21 11 57 S. High	☾	7 294 31	10 28	11 35	
28	Fr	☽ in Apogee, and	☾	7 304 30	11 27	af. 2	
29	Sat	☽ fa clk 10m 40s. cold	☾	7 304 30	morn	0 43	
30	FE	ADVENT SUN St Andrew, winds	☾	7 314 29	0 25	1 11	

[hath 30 days.]

chest verge
climes,
sun
beam
to me:

st be joy.
l come,
orlds,

on 21st 9h 22m Morn
ar 29th 8h 26m Morn

☉	☉	☉	☉
Set	Rise,	Set.	
14 59	0 47	2 16	
24 58	1 43	2 46	
34 57	2 40	3 16	
44 56	3 38	3 44	
54 55	4 20	4 44	
64 54	4 54	5 45	
71 53	5 15	7 5	
84 52	5 57	8 9	
94 51	6 33	8 58	
114 50	7 39	10 9	
124 48	8 36	11 3	
144 46	9 38	11 49	
154 45	10 40	morn	
164 44	11 46	0 37	
174 43	af. 59	1 14	
184 42	2 8	1 49	
194 41	3 0	2 24	
204 40	3 36	3 20	
214 39	4 11	4 30	
224 38	4 50	5 35	
234 37	5 52	6 41	
244 36	6 5	7 42	
254 35	7 1	8 30	
264 34	7 54	9 31	
274 33	8 43	10 20	
284 32	9 34	10 59	
294 31	10 28	11 35	
304 30	11 27	af. 2	
314 29	morn	0 43	
324 28	0 25	1 11	

[12th month]

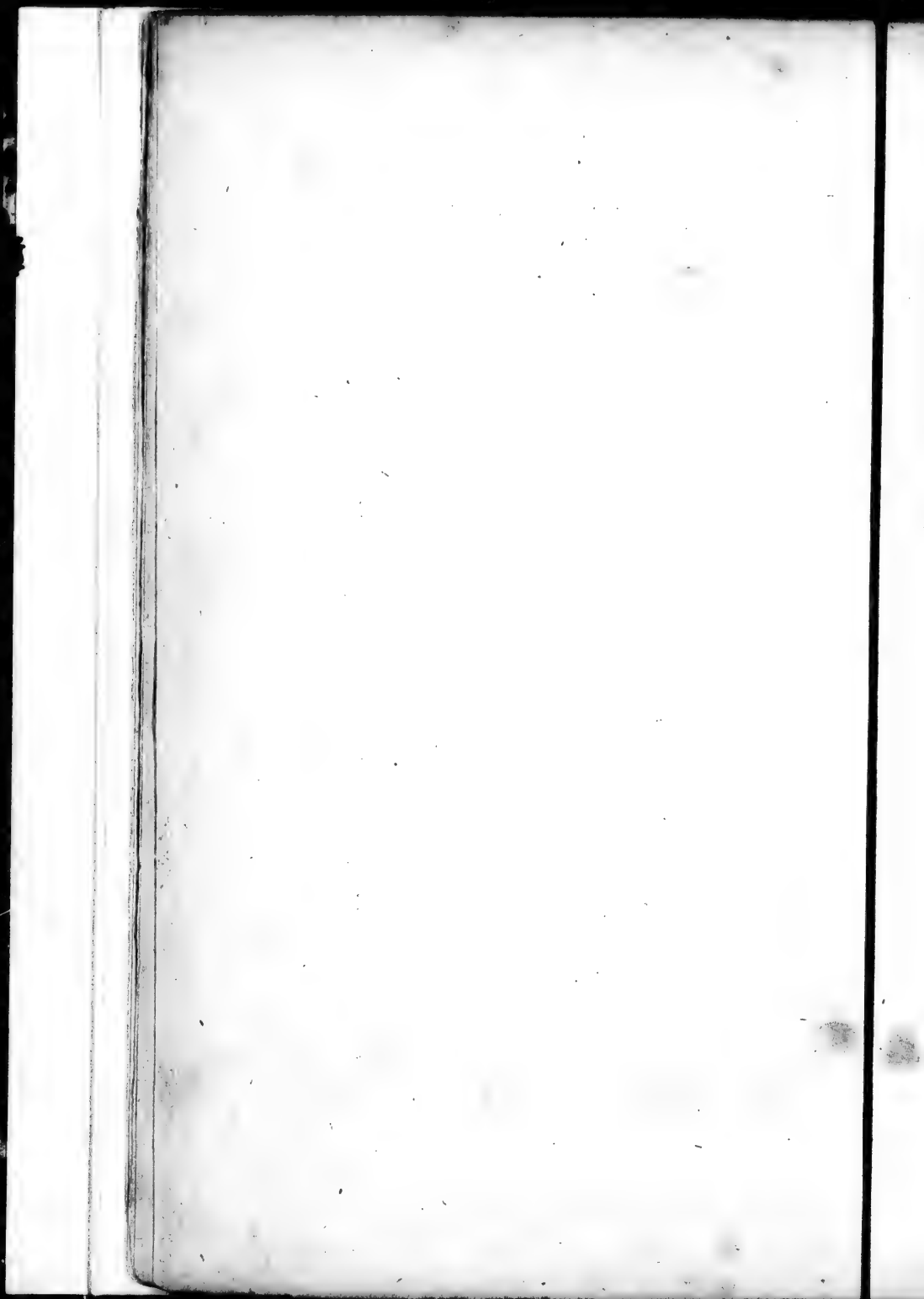
DECEMBER,

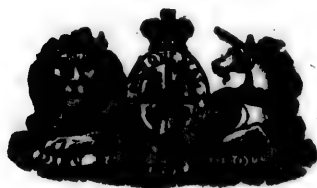
[hath 31 days.]

I cheerful will obey; there with new pow'rs
Will rising wonders sing: I cannot go
Where Universal Love not smiles around,
Sustaining all yon orbs and all their suns;
From *seeming Evil* still educing good,
And *better* thence again, and *better* still,
In infinite progression. But I lose
Myself in Him, in Light Ineffable:
Come then, expressive Silence! muse His praise.

☉ New Moon 6th 10h 56m Eve ☉ Full Moon 21st 1h 10m Morn
☉ First Quar. 13th 4h 21m Eve ☉ Last Quar 29th 5h 24m Morn

D	D	Aspects, Holy Days, Anniver-	☉	☉	☉	☉	☉
M	W	saries, &c.	Pi	Rise	Set.	Rise.	Set.
1	M	☿ Gr Elongation <i>may look</i>	☾	7 32	4 28	1 20	1 40
2	Tu	☿ in ♏ <i>for snow,</i>	☾	7 32	4 28	2 10	2 21
3	W	☿ decl 22 9 44 S. <i>showers,</i>	☾	7 32	4 28	2 45	3 33
4	Th	☿ Lat 3 29 43 N, <i>with high</i>	☾	7 33	4 27	3 17	4 27
5	Fr	☿ fa clk 9m Os, <i>winds,</i>	☾	7 33	4 27	3 55	5 14
6	Sat	Nicolas, <i>Fair</i>	☾	7 33	4 27	4 37	6 50
7	FE	2d SUNDAY in ADVENT, <i>and</i>	☾	7 34	4 26	5 20	7 48
8	M	Concep. of B. V. Mary <i>frosty.</i>	☾	7 34	4 26	6 17	8 45
9	Tu	☿ in Peri Milton b 1608 <i>Grows</i>	☾	7 35	4 25	7 24	9 36
10	W	☿ decl 18 54 S. <i>cold,</i>	☾	7 36	4 24	8 44	10 32
11	Th	Days length 8h 48m, <i>A little</i>	☾	7 36	4 24	9 32	11 0
12	Fr	☿ decl 23 7 13 S. <i>more</i>	☾	7 37	4 23	10 39	11 36
13	Sat	Lucy, <i>mild</i>	☾	7 37	4 23	11 45	morn
14	FE	3d SUNDAY in ADVENT, <i>Again</i>	☾	7 37	4 23	af. 51	0 19
15	M	☿ in ♏ <i>chilly</i>	☾	7 38	4 22	1 24	1 1
16	Tu	☿ Sapiaentia, <i>winds,</i>	☾	7 38	4 22	1 58	2 7
17	W	☿ fa clk 3m 4s, <i>Looks</i>	☾	7 38	4 22	2 36	3 13
18	Th	☿ Lat 0 22 N. <i>like</i>	☾	7 39	4 21	3 15	4 19
19	Fr	Cap of Fort Niagara, <i>rain,</i>	☾	7 39	4 21	3 58	5 20
20	Sat	☿ runs high, <i>but will</i>	☾	7 39	4 21	4 43	6 19
21	FE	4th Sun in Ad St tho's ☉ cent ☿	☾	7 40	4 20	5 31	7 12
22	M	♂ Sou. 5h 15m <i>probably</i>	☾	7 40	4 20	6 23	8 0
23	Tu	☿ Lat 4 42 40 sou, <i>end in snow</i>	☾	7 40	4 20	7 15	8 43
24	W	☿ decl 23 25 51 S, <i>some</i>	☾	7 40	4 20	8 8	9 21
25	Th	CHRISTMAS DAY, <i>hard</i>	☾	7 40	4 20	9 2	9 55
26	Fr	St Stephen, ☉ in Apogee, <i>frost</i>	☾	7 39	4 21	9 55	10 26
27	Sat	St John, <i>more</i>	☾	7 39	4 21	10 52	10 52
28	FE	1st Sun af Christmas Innocents	☾	7 38	4 22	11 51	11 22
29	M	☿ in ♏ <i>snow, and</i>	☾	7 38	4 22	morn	af. 3
30	Tu	☿ slo clk 3m 24s <i>stormy</i>	☾	7 37	4 23	0 21	0 54
31	W	Silvester. <i>weather.</i>	☾	7 37	4 23	0 57	1 55





CIVIL LIST,

OF

UPPER CANADA :



AND

PUBLIC OFFICERS.

LIEUTENANT GOVERNOR.

His Excellency Sir PEREGRINE MAITLAND, Knight Commander of the Most Honorable Military order of the Bath, Knight of the Russian Order of St. George, and of the Order of William in the Netherlands, &c. &c. &c.

Aid-de-Camp, and Private Secretary—MAJOR HILLIER, 74th Regt.
Extra Aid-de-Camp—CAPTAIN MAITLAND.

MEMBERS OF THE EXECUTIVE COUNCIL.

The Honorable WILLIAM CAMPBELL, Chief Justice—*Chairman*.

The Right Rev. CHARLES, Lord Bishop of Quebec.

The Honorable James Baby,
" and Venerable Arch-deacon J. Strachan, D. D.
" George H. Markland,
" Peter Robinson,
" James B. Macaulay,

Clerk of the Council—John Small, Esq.

MEMBERS OF THE LEGISLATIVE COUNCIL.

The Hon. WILLIAM CAMPBELL, Chief Justice—*Speaker*.

The Hon. and Right Rev. the LORD BISHOP of Quebec.

The Hon. W. D. Powell,	The Hon. & Ven'ble Archdeacon
James Baby,	J. Strachan, D. D.
John M'Gill,	Angus M'Intosh,
Thomas Telbot,	Joseph Wells,
Thomas Clark,	Duncan Cameron,
William Dickson,	Geo. H. Markland,
Neil M'Lean,	John H. Dunn,
Geo. Crookshank,	Thomas Ridout,
	William Allan,

HOUSE OF ASSEMBLY.

The Honorable JOHN WILSON—*Speaker*.

Atkinson, James
 Burnham, Zaccheus
 Beardsley, B. C.
 Burke, George Thew
 Beasley, Richard
 Bidwell, M. S.
 Baby, Francis
 Clark, John
 Cameron, Duncan
 Coleman, Thomas
 Crysler, John
 Cumming, John
 Fothergill, Charles
 Gordon, James
 Hamilton, George
 Hornor, Thomas
 Ingersoll, Charles
 Jones, Jonas
 Jones, Charles
 Jones, David
 Lyons, James
 Lefferty, John J.
 M'Lean, Archibald

Morris, William
 M'Donell, Alexander
 M'Call, Duncan
 Matthews, John
 M'Donald, Donald
 M'Bride, Edward
 Peterson, Paul
 Perry, Peter
 Playter, Ely
 Robinson, John B.
 Randall, Robert
 Rolph, John
 Scollick, William
 Thomson, Hugh C.
 Thompson, William
 Van Koughnet, P.
 Walsh, F. L.
 White, Reuben
 Wilson, James
 Wilson, John
 Walker, Hamilton
 Wilkinson, Alexander

PUBLIC OFFICES.

Receiver General.—The Hon. John Henry Dunn.*Inspector General*.—The Hon. James Baby.*Secretary and Registrar*.—The Hon. D. Cameron.*Surveyor General*.—Hon. Thomas Ridout.*Auditor General of Land Patents*.—Stephen Heward Esq.*Official Principal Surrogate Court*.—Grant Powell Esq.*Printer to the King's Most Excellent Majesty*.—Rob't Stanton Esq.

Agent in London for paying } W. D. Adams Esq.
Salaries of Civil Officers.

COURT OF KING'S BENCH

Chief Justice.—The Hon William Campbell,*Puisne Judges.* { D'Arcy Boulton Esq.

{ Levis P. Sherwood Esq.

Attorney General.—John B. Robinson Esq.*Solicitor General*.—Henry J. Boulton Esq.*Reporter*.—Thomas Taylor, Esq.

DISTRICT APPOINTMENTS.

DISTRICT.	SHERIFF.	CLK of the Peace	TREASURER.
<i>Eastern,</i>	D. McDonell,	A. McLean,	Hon. N. McLean,
<i>Ottawa,</i>	A. McDonell,	R. P. Hotham,	Thomas Mears,
<i>Bathurst,</i>	Jas. H. Powell,	H. Walker,	John Watson,
<i>Johnstown,</i>	John Stuart,	Geo. H. Reade,	A. Sherwood,
<i>Midland,</i>	John McLean,	Allan McLean,	T. Markland,
<i>Newcastle,</i>	John Spencer,	Thomas Ward,	Z. Burnham,
<i>Home,</i>	Wm. B. Jarvis,	S. Heward,	Hon. W. Allan,
<i>Gore,</i>	Wm. M. Jarvis,	George Rolph,	G. Hamilton,
<i>Niagara,</i>	R. Leonard,	R. Clench,	T. McCormick,
<i>London,</i>	A. A. Rapelje,	J. B. Askin,	John Harris,
<i>Western,</i>	W. Hands, Esqrs.	C. Askin, Esqrs.	W. Hands, Esqrs.

MISCELLANEOUS INFORMATION,

RELATING TO

UPPER CANADA.

By order of His EXCELLENCY the LIEUTENANT GOVERNOR in Council, the *first Wednesday* in every month is a regular Council day.

The Meetings of the Board for superintending and managing the Clergy Reserves, are held four times in the year at York—on the first Tuesday in the months of February—May—August—and November. A general meeting is held in February.

Agents.—The resident Clergy in the several Districts.

The Medical Board meets at York on the first Monday in January—April—July—and October.

The MILITIA of the Province is divided as follows:—

Eastern District,	7	Regiments.
Johnstown "	6	"
Bathurst "	4	"
Midland "	10	"
Newcastle "	6	"
Home "	6	"
Gore "	6	"
Niagara "	6	"
London "	7	"
Western "	3	"

Total,..... 59 Regiments.

30
238
164,702
Chatham.
Dear Creek, Detroit, Kuse, St. Clair.

DISCOUNT PER CENT.

2½ per cent. is 0s. 6d. in a £	17½ per cent. is 3s. 6d. in a £
5 1 0	20 4 0
7½ 1 6	22½ 4 6
10 2 0	25 5 0
12½ 2 6	30 6 0
15 3 0	35 7 0

Weight and value of Gold Coins, when paid in single pieces.

DENOMINATION.	WEIGHT.	VALUE.		
		Currency.		
<i>British, Portuguese, and American.</i>	<i>dwt. grs.</i>	£	s.	d.
A Guinea,	5 6	1	3	4
Half do.	2 15	0	11	8
Third do.	1 18	0	7	9½
A Johannes,	18 0	4	0	0
Half do.	9 0	2	0	0
A Moldore,	6 18	1	10	0
An Eagle,	11 6	2	10	0
Half do.	5 15	1	5	0
<i>French and Spanish.</i>				
A Doubloon,	17 0	3	14	6
Half do.	8 12	1	17	3
A Louis D'or, coined before 1793, ..	5 4	1	2	8
A Pistole. do ..	4 4	0	18	3

2 1-4 is allowed for every grain, over or under, on British, Portuguese, and American Gold; and 2 1-5 for every grain, over or under, on French and Spanish Gold.

SILVER COINS.

DENOMINATION.	VALUE.		
	Currency.		
	£	s.	d.
British Crown,	0	5	9
British Shilling,	0	1	2
The Sum of 17s. 4d. British Silver and Copper Money,	1	0	0
Dollar,	0	5	0
Pistareen,	0	1	0
French Crown, coined before 1793, ..	0	5	6
American Dollar,	0	5	0

By Provincial Statute, 7 Geo. 4, C. 5.

natural state, and neither worms, nor fowls, nor birds, will molest it.

Seed Corn.—The following method of preparing seed corn has been practised with great success, in preventing the ravages of the wire-worm or grub, and of birds:—To three pecks of seed corn put a pound and a half of copperas; let the water be about blood warm; let the corn be soaked in the copperas water about forty-eight hours before planting. As you use out the corn for planting, add copperas, water, and corn, in the same proportion. There is not the least danger from making the copperas water too strong.

Removing Scions.—The best method of removing scions of fruit-trees from a distance is, to stick their lower ends into a turnip or potatoe, and then pack them in moss or hay; in this way they may be sent from England to America. On their arrival, they should be half or three quarters buried in moderate moist soil in the shade, and kept there till the season of grafting. A great means of success in performing the latter operation, is to have the stock advanced somewhat beyond the sicon: another is to put a hood of paper over the graft, to guard it from the vicissitudes of the atmosphere, and in some degree to increase the temperature. In some nurseries, newly-grafted dwarfs are earthed up to the top of the ball of clay, and the scion slightly protected by a little dry litter, fronds of fir-tree, or of fern.

Bees.—The cruel system of smothering Bees may now be totally dispensed with by a plan recently adopted with complete success, called "*Driving*," and which is easily accomplished. At dusk, place a metal pot near where the old hive stands; have a new hive prepared, with cross sticks, with cream and sugar besmeared inside; invert the old hive into the pot, and quickly place the new one over it; tie a cloth round the meeting of both hives, so as prevent any of the Bees escaping; then keep striking the bottom of the metal pot, with an iron instrument, and in less than ten minutes all the bees will be driven by the sound from the old to the new hive; then untie the cloth and lift the new hive to the place where the old one stood, at the same time quickly covering the honey hive with a white cloth to prevent any of the bees returning to it. In the morning, lift a corner of the cloth so as to make a small aperture to let out any of the bees that should remain, and by striking the pot as before, they will instantly depart, and join their companions in the new settlement. It may be necessary to feed the bees well for a few days with sugar and they will proceed to work immediately after.

In the departure of Calvados, South America, they have a method of managing their Bees, which is worth the attention of apiarians, in countries where the hives are transported from

is 3s. 6d. in a £.

4 0
4 6
5 0
6 0
7 0

in single pieces.

VALUE.			
Currency.			
£	s.	d.	
1	3	4	
0	11	8	
0	7	9½	
4	0	0	
2	0	0	
1	10	0	
2	10	0	
1	5	0	
3	14	6	
1	17	3	
1	2	8	
0	18	3	

er, on British, Por-
r every grain, over

UE.
ncy.

d.	
9	By Provincial Statute, 7 Geo. 4, C. 5.
2	
0	
0	
0	
6	
0	

place to place for change of food. In one half of this department, called the Bocage, large tracts of high lands are covered with buck-wheat, and there the Bees produce excellent wax, but bad honey. In another part of the district, in the plain, where saint-foin is extensively cultivated, the honey is delicious, but the wax is bad, and difficult to bleach. It is the custom of the cultivators of the Bocage, as soon as the saint-foin begins to flower, to send their hives down to the plains, and to lengthen them by means of an empty hive, to which the Bees are allowed access, by the removal of the top of the old hive. This operation they call *calotter*. As soon as the saint-foin ceases to produce blossoms, they take their hives home, separate the new hives from the old ones, and drive the Bees out of the former into the latter; an operation which is easily performed, by inverting the one under the other. By this means they effectually separate the honey-comb prepared from the saint-foin from that extracted from the buck-wheat, and make use of either according to their convenience. The usual practice is to leave the honey from the buck-wheat for the winter provision of the bees.

To Butter Makers.—Few articles of living are more indispensably necessary in a family, than good butter; and few that are more nauseous and unhealthy than bad butter and a very great proportion of the butter brought to market is bad. And much that is called good, is very bad when compared with that which is really good. This must, in a great degree, be owing to a want of knowledge in those who make it. If those who keep cows would adopt the following method of making butter, they would have more and better butter than they can have in any other way. Let your milk pails, paps, and churn, be always clean and sweet; and let the milk you keep over night, be churned with what you milk in the morning while the latter is warm. In this way your butter will be sweet; and if you work out the butter milk and salt it well, it will be solid and good, and command the highest price in market. Many persons while churning are in a habit of putting water into the churn, and also of washing their butter with water; this is a bad practice, and should be avoided by all who wish to have their butter remain sweet.

To pickle Beef, Pork, &c.—To four gallons of water, add one pound and a half of Muscovado sugar, two ounces of saltpetre, and six pounds of bay or common salt. Put the whole into a clean pot or kettle, and let it boil, being careful to take off all the scum as it rises.—When there is no scum, take liquor off, and let it stand till cold; having put the meat you wish to preserve into the vessel you intend to keep it in, pour in the liquor till the meat is quite covered, in which condition it must be kept.

If you intend to preserve your meat a considerable time, it

half of this department
lands are covered
excellent wax, but
in the plain, where
is delicious, but
the custom of the
saint-foin begins to
be, and to lengthen
the Bess are allowed
hive. This opera-
saint-foin ceases to pro-
separate the new
of the former into
formed, by inverting
they effectually sepa-
saint-foin from that ex-
of either according
to leave the honey
of the bees.

are more indispen-
sary; and few that are
so and a very great
is bad. And much
red with that which
free, be owing to a

If those who keep
making butter, they
they can have in any
d churn, be always
keep over night, be-
ing while the latter is
set; and if you work
solid and good, and
Many persons while
to the churn, and also
a bad practice, and
their butter remain

of water, add one
pound of saltpetre,
Put the whole into a
cask, and take of all the
the liquor off, and let
wish to preserve into
in the liquor till the
must be kept.
considerable time, it

will be necessary once in two months, to boil the pickle over
again, clearing off the scum that rises, and putting in, when
boiling, two ounces of sugar, and half a pound of common salt.
Thus the pickle will hold good for twelve months. It is incom-
parable for curing hams, neat's tongues, or beef which you in-
tend to dry; observing, when you take them out of the pickle,
first to clean and dry them, put them in paper bags, and hang
them in a dry, warm place.

Rural Economy.—An experienced farmer of the Netherlands
states, that an ounce of saltpetre dissolved in a pint of water
with an ounce of flour of sulphur, and scattered upon grain in a
granary, is an infallible means of preventing it from spoiling.

Caterpillars in Gooseberry and Currant Bushes.—If a piece of
old woollen-cloth is hung in the middle of Currant or Gooseberry
bushes, all the Caterpillars will go into it—and by frequent re-
movals, and immersion into scalding water all may be gradually
destroyed.

To keep Pork fresh.—Take out the bones, and without any
salt, cover the pieces with Spanish brown (or red ochre,) then
pack them in bags. Pork thus packed will keep sweet a year.

To relieve Cattle that are choaked or hoven by Clover.—Provide
a tough piece of grape vine, about a yard and a half long and
as thick as a man's finger, with a knob from one to two inches
diameter at one end. Surround this knob with a piece of
linen or leather, which when stuffed with wool or tow, will make
a ball of three inches diameter; and secure it well, so as to pre-
vent its slipping over the knob; roll it in soft soap or grease,
and having secured the creature, and holding its tongue, thrust
the ball down its throat quite into the stomach, and it will be
immediately relieved.

Cows.—Keep no more cows than you can keep well. One
cow well fed will give as much milk as two treated indifferently,
and produce more butter. Sweet potatoes, carrots, pumpkins,
and ground oats, are unquestionably among the best articles of
food for milch cattle. These cause the milk and butter to as-
sume a fine flavor and a rich colour, and at the same time the
quantity and quality are greatly increased.

Preservation of the Apple Tree.—Take nearly the same pro-
portions; of lime, three pounds—soap, one pound—cow-dung,
six—ashes, one—salt, one—brimstone, a quarter of a pound—
mix them into a soft mortar. Rub this composition freely over
your trees with a mop. Then the wood lice will die, the tree hold
its apples, and the woodpecker will not touch it. The powerfull
effects of this composition will soon be visible. The month of
April is the best time to try it. It will be well to scrape off the
rough bark of the tree, before the composition is applied, taking
care not to wound it.

Fences.—While repairing your fences, remember that a fence well made will stand much longer than that which is poorly made. While you drive your business before you, and do your work well, all will be easy; but suffer it to lag or slight it, and soon it becomes a grievous burden.

Caterpillars.—Destroy utterly every caterpillar—leave no nest undemolished on your fruit tress. This may be done by burning brimstone under their nests—by sprinkling ashes or fine sand on them and the limbs where they are, when wet—or by putting a mop or wisp of tow on a pole, and brushing their nests with brine.

Cutting of Bushes.—We see, with regret, pastures in many parts of our land overspread with a noxious growth of a shrubbery and weeds, which destroy much of the feed. That all vegetables may be subdued by repeatedly cutting them, is a position which does not rest on mere theory; more than twenty years' experience has removed every doubt from my mind.—The whole success of this business depends on cutting them at a proper season. If we would destroy the plant, and prevent its future growth, we must cut it when the root is most exhausted.—This is just before the fruit ripens. They should always be cut after the blossoming, and just before the seed is ripe enough to vegetate.

Cider.—Apples which fall early should be gathered and made into cider for immediate use, and for vinegar. Suffer the full apples to hang on the trees till ripe, then gather them and keep them housed till they are mellow. They should be sorted before they are ground, and all dirt and rotten apples removed.—Let the mill, press, and vats, barrels, &c. be clean and sweet.—The juice should stand in the pomace twelve hours at least, which will give the cider a higher colour and render it richer. As soon as the cider is worked, it should be racked, and put in clean casks or bottles.



USEFUL RECEIPTS.

Cure for Burns.—Several very bad and dangerous burns have recently been cured with a soap or ointment, composed of equal parts of olive oil and lime water, to which a little *axunge* was added, to give it consistence. It is added that this ointment has been found so useful at the iron works at Caron, Sterlingshire that in all Scotland it has obtained the name of *Caron Oil*.—We can speak from experience of this valuable ointment, having derived great benefit from using it, upwards of 20 years ago.—A very few applications removed the effects of a very bad scald

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ing; but there was nothing added to the olive oil and lime water. Previous to every new application, (once in six hours) the wound was cleansed with warm milk and water. We are inclined to think that Castile soap suds, would answer better as a cleanser.

To take out grease from a carpet or any other woolen cloth.—Dissolve a piece of pearl ash, of the size of a pea, in half a tea cup of warm water, or a piece twice the size, in a full tea cup. Pour some of the solution on a grease spot, and continue to rub it hard with a clean brush or woolen cloth, until it is nearly dry, and your carpet or garment will be as clean as ever.

Cure for the Piles.—Take a piece of sheet lead, such as commonly comes in tea chests, upon the inside of which you are to put hog's lard, and with a leaden weight rub with this salve for a few times, anoint the part affected, which in a short time will remove, what to those who are in like manner troubled, is a desideratum, devoutly to be wished.

To destroy Cockroaches.—Spirits of Turpentine is found to be an effectual remedy against the depredations of Cockroaches.—Apply it with a feather where they take shelter, and they will soon leave the room.

Cure for the Cholera Morbus.—Half a pint of Corn roasted almost black, grind it fine, put it in a clean tin vessel, and pour over it a quart of boiling water, simmer it ten minutes, strain it and add a little sugar; give three table spoons full every quarter of an hour; the stomach will contain it in most cases, after the second time given. When the sickness of the stomach has subsided, give a dose of physic that is least nauseating to the patient, two tea spoons full of Rhubarb powders, Epsom salts, or cream of Tartar.

This simple Indian remedy, if taken at the commencement of the complaint, will effect a cure.

Warts.—Away with the idea, ye sons and daughters of reflection, that charms and witchcrafts are necessary to remove your warts; rub them with spirits of turpentine and they will soon lessen—gradually decrease—yea, vanish forever.

To destroy Rats and Mice.—Take equal quantities of unslacked lime and powdered oatmeal; mix them by stirring, without adding any liquid, and put a small quantity in a place infested by rats and mice, with a dish of water near. It is said that they will swallow the preparation, become thirsty, and the water which they drink will swell the lime and destroy them on the spot.

Honey a cure for the Gravel.—A number of years ago, says a correspondent, I was much afflicted with the gravel, and twice in serious danger, from small stones lodging in the passage. I met with a gentleman who had been in my situation and got rid of that disorder by sweetening his tea with half honey and half sugar. I adopted his remedy and found it effectual. After being

fully clear of my disease for about ten years, I declined taking honey, and in about three months I had a violent fit of my old complaint. I then renewed my practice of taking honey in my tea, and am now more than three score, and have not for the last twenty-seven years, had the smallest symptoms of the gravel. I have recommended my prescription to many of my acquaintance, and have never known it to fail.

To cure saltrhum, chapped hands, burns, &c.—Take one part bees wax, three parts tallow, two of sweet oil, and one of Castiel soap; simmer them together, and when cool it will constitute a salve the efficacy of which has been repeatedly tested within our own observation.

Ringworms.—A salve made of hard soap (called by some rosin soap) and ginger, rubbed on ringworms, will cure them.



VARIETIES.

Anecdote.—While the Edystone light-house was erecting, a French privateer took the men upon the rock, together with their tools, and carried them to France; and the captain was in expectation of a reward for the achievement. While the captives lay in prison, the transaction reached the ears of Louis XIV—he immediately ordered them to be released, and the captors put in their places; declaring, that 'though he was at war with England, he was not so with all mankind.' He directed the men to be sent back to their work with presents; observing, 'that the Edystone light-house was so situated as to be of equal service to all nations having occasion to navigate the Channel between England and France.'

Anecdote of Moreau.—Moreau no doubt gave great offence to the revengeful Corsican, when, speaking of the Tree of Liberty, he said, there was nothing left of it but *l'ecorce*, the bark. (*Le Corse*, the Corsican.)

Eccentric Barber.—An eccentric barber some years ago opened a shop under the walls of the King's Bench Prison. The windows being broken when he entered it, he mended them with paper, on which appeared, '*Shave for a penny*,' with the usual invitation to customers; and over the door was scrawled these lines:—

Here lives Jemmy Wright,
Shaves as well as any man in England,
Almost—not quite.

Foote (who loved any thing eccentric) saw these inscriptions, and hoping to extract some wit from the author, whom he justly concluded to be an odd character, he pulled off his hat, and thrusting his head through a paper pane into the shop, called out,

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'Is Jemmy Wright at home?' The barber immediately forced his own head through another pane into the street, and replied, 'No, Sir, he has just *popt* out.'—Foote laughed heartily, and gave the man a guinea.

A Waggoner and Attornies.—Two country attornies, overtaking a waggoner on the road, and thinking to be witty upon him, asked why his fore horse was so fat, and the rest so lean? The waggoner knowing them answered, "*that his fore horse was a lawyer, and the rest were his clients.*"

Drawing the long bow.—Some people are wonderfully fond of the hyperbole, and especially when by the use of this figure they can aggrandize the place of their birth; my friend Tom Startle is of this disposition, and generally takes care to let every body know it. I remember Tom in a company once took an opportunity to go off upon the fertility of his county, and told the gentlemen, that the turnips in that place were so much bigger than the sheep, that they frequently eat a hole in them, and buried themselves there from the cold. 'That I know to be true, (says a gentleman present), for I was once at dinner upon a boiled leg of mutton and turnips in your very parish; and from the very first turnip I cut, out jumped a sheep.'



QUINN AND FOOTE.

As Quinn and Foote one day walk'd out
To view the country round,
In merry mood they chatting stood,
Hard by the village pound.

Foote from his poke a shilling took,
And said, 'I'll bet a penny,
In a short space, within this place,
I'll make this piece a guinea.'

Upon the ground, within the pound,
The shilling soon was thrown:
'Behold,' said Foote, 'the thing's made out,
For there is one pound one.'

'I wonder not,' says Quinn, 'that thought
Should in your head be found,
Since that's the way your debts to pay,
One shilling in the pound.'



Odd idea.—It is humorously remarked, that the Goose, the Bee, and the Calf, ruin the world; the one affording *parchment*, the

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other two *sealing-wax* and *pens*. The pen has a thousand virtues; it conserves empires, and preserves that noble virtue, friendship, which else would perish among men for want of practice. The pen, however, is a two-edged sword, which cuts both ways; and may, in the hands of a vicious person, do the greatest injury to society.

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THE LOVES OF THE SHELL FISHES.

A crab there was, a dashing young blade,
And he was in love with a lobster maid;
But the lobster maid was a terrible prude,
And she told her mamma that the crab was rude.
Said her dear mamma, "Pray what did he do?
Did he give you a kiss or a billet doux?"
"Oh! no," said she, with a toss of her head,
"But he ogles me so—'tis so shocking ill-bred,
That I vow, if he still persists in his suit,
I'll box the ears of the impudent brute."
But an oyster dandy saw the maid—
"Oh! split me," said he, "miss, if am afraid!"
So tighter he braced his corset shell,
And he strutted away with a Broadway swell;
And he told the maid, as he twirl'd his seal,
He'd "die at her feet, if a dandy could kneel."
"Oh! sir, said she, "since that can't be,
You know you can hang yourself on a tree!"
And the oyster rav'd—"But no," said she,
"You never shall die of scorn from me."
So she gave him her ruby red hand to kiss,
And he felt like a fish in a sea of bliss;
But the crab, he cock'd his hat in their faces,
And challeng'd the oyster to fight at two paces.
The ground was mark'd, and they took their stand,
And a barnacle gave the word of command.
They took their aim, and the oyster fell!
But alas! the worst of the tale is to tell:
For while he lay welt'ring in his shell,
A giddy young muscle that pass'd that way,
And saw the end of the fatal affray,
Declar'd that the lobster's love was a sham,
For he'd just seen her married that morn to a clam,

COMPANY AND CHEERFULNESS

Are necessary and of use; but a constant course of mirth betrays such a levity of mind, that your presence will never be desired

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but to divert others whose regard ceases the instant the laugh
is over, and should your wit offend you may be assured of an
enemy.

Believe nothing against another, but upon good authority ;
nor report what may hurt another unless it be a greater hurt to
others to conceal it.

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From " Whims and Oddities in Prose and Verse."

FAITHLESS NELLY GRAY: A PATHETIC BALLAD.

Ben Battle was a soldier bold,
And used to war's alarms ;
But a cannon-ball took off his legs,
So he laid down his arms !

Now as they bore him off the field,
Said he, ' Let others shoot,
For here I leave my second leg,
And the ' Forty-second Foot.'

The army-surgeons made him limbs ;
Said he, ' They're only pegs ;
But there's as wooden members quite
As represent my legs !'

Now Ben he loved a pretty maid,
Her name was Nelly Gray ;
So he went to pay her his devours,
When he'd devour'd his pay !

But when he call'd on Nelly Gray,
She made him quite a scoff ;
And when she saw his wooden legs,
Began to take them off !

O Nelly Gray ! O Nelly Gray !
Is this your love so warm ?
The love that loves a scarlet coat
Should be more uniform.'

Said she, ' I loved a soldier once,
For he was blithe and brave ;
But I will never have a man
With both legs in the grave !

Before you had those timber toes,
Your love I did allow ;
But then, you know, you stand upon
Another footing now !'

'O Nelly Gray ! O Nelly Gray !
 For all your jeering speeches,
 At duty's call I left my legs
 In Badajos's breaches !'

'When then,' said she, 'you've lost the feet
 Of legs in war's alarms,
 And now you cannot wear your shoes
 Upon your feats of arms !'

'O false and fickle Nelly Gray !
 I know why you refuse:
 Though I've no feet, some other man
 Is standing in my shoes !

I wish I ne'er had seen your face:
 But now a long farewell !
 For you will be my death—alas !
 You will not be my Nell !'

Now when he went from Nelly Gray,
 His heart so heavy got,
 And life was such a burden grown,
 It made him take a knot !

So round his melancholy neck
 A rope he did entwine,
 And, for his second time in life,
 Enlisted in the Line !

One end he tied around a beam,
 And then removed his pegs,—
 And, as his legs were off, of course
 He soon was off his legs !

And there he hung till he was dead
 As any nail in town ;
 For though distress had cut him up,
 It could not cut him down !

A dozen men sat on his corpse,
 To find out why he died ;
 And they buried Ben in four cross-roads,
 With a stake in his inside !'



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